Topics for Discussion Quiz on November 20

CHM-101-A
Fall 2006

End-of-Chapter Problems possible on this quiz:
11.20, 11.26, 11.40, 11.96, 11.100

Topics:
solution formation in terms of overcoming and forming intermolecular forces
the role of energy and entropy in solution formation
predict relative solubilities using “like-dissolves-like”
unsaturated, Saturated, and supersaturated solutions
solubility calculations
effect of pressure and temperature on gas solubility
colligative properties
effect of concentration of solute on vapor pressure, boiling point, freezing point (melting point),
and osmotic pressure change

Topics for Discussion Quiz on November 27 - 30

CHM-101-A
Fall 2006

End-of-Chapter Problems possible on this quiz:
12.6, 12.24, 12.52, 12.62, 12.94

Topics:
factors that affect the rate of a chemical reaction
catalyst and its role in a chemical reaction
equilibrium and rates of forward and reverse reactions
equilibrium and the amounts of reactants and products
Le Chatelier's principle